



# Eastern Analytical, Inc.

*professional laboratory and drilling services*

E.J. Malone  
Powder Mill Fish Hatchery (NH Fish&Game)  
288 Merrymeeting Road  
New Durham , NH 03855



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 175482  
Client Identification: None  
Date Received: 11/6/2017

Dear Mr. Malone :

Enclosed please find the report of analysis for the above identified project.  
As discussed, analyses were subcontracted and are listed as follows:

Analysis: Subcontract - Formaldehyde 8315A Aqueous (PEL)

Subcontractor Lab: Phoenix Environmental Laboratories, Inc.

A complete copy of the report is attached. This report may not be reproduced except in full,  
without the written approval of the laboratory.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

11.14.17

Date

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# of pages (excluding cover letter)



## SAMPLE CONDITIONS PAGE

EAI ID#: 175482

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Temperature upon receipt (°C): 12.7

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date	Date	Sample	% Dry	Exceptions/Comments (other than thermal preservation)
		Received	Sampled	Matrix	Weight	
175482.01	001 Outfall	11/6/17	11/6/17	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis. Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



Monday, November 13, 2017

Attn: Front Office  
Eastern Analytical  
25 Chenell Drive  
Concord, NH 03301

Project ID: 175482  
Sample ID#s: BZ33530

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

November 13, 2017

FOR: Attn: Front Office  
Eastern Analytical  
25 Chenell Drive  
Concord, NH 03301

### Sample Information

Matrix: WATER  
Location Code: EASTANAL  
Rush Request: Standard  
P.O.#: 47145

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

### Date Time

11/06/17 12:45  
11/07/17 12:59

### Laboratory Data

SDG ID: GBZ33530  
Phoenix ID: BZ33530

Project ID: 175482  
Client ID: 001 OUTFALL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Formaldehyde Prep by HPLC	Completed					11/09/17	Z/T/BF/D	
Formaldehyde	1000	500	250	ug/L	1	11/10/17	MH	E1667/SW8315A

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL  
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

### Comments:

If there are any questions regarding this data, please call Phoenix Client Services.  
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

November 13, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President



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NY # 11301

## QA/QC Report

November 13, 2017

### QA/QC Data

SDG I.D.: GBZ33530

Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec	% RPD
	Blank	RL							Limits	Limits
QA/QC Batch 409019 (ug/L), QC Sample No: BZ33530 (BZ33530)										
Formaldehyde	ND	50	92			100			30 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

November 13, 2017

Monday, November 13, 2017

Criteria: None

State: NH

# Sample Criteria Exceedances Report

GBZ33530 - EASTANAL

Phoenix Analyte		Criteria	Result	RL	Criteria	RL	Analysis Units
SampleNo	Acode						
*** No Data to Display ***							

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedance information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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## Analysis Comments

November 13, 2017

SDG I.D.: GBZ33530

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

# CHAIN-OF-CUSTODY RECORD

eastern analytical  
professional laboratory services

EAL ID# 175482

Page 1

Sample ID

Date Sampled Matrix

aParameters

Sample Notes

001 Outfall

11/6/2017  
12:45

aqueous

Subcontract - Formaldehyde 8315A (PEL)

33530

5.6 uM  
J.L. Lee

EAL ID# 175482

Project State: NH

Project ID: 784

Results Needed by: Preferred date

QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ P

Notes about project:

Email pdf of results and invoice to  
customerservice@eallabs.com.

Company Phoenix Environmental Labs

Address 587 East Middle Turnpike

Address Manchester, CT 06040

Account #

Phone # (860) 645-1102

Fax Number 860 645-0823

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301

Phone: (603)228-0525

1-800-287-0525

Fax: (603)228-4591

PO #: 47145

EAL ID# 175482

Please call prior to analyzing, if RUSH surcharges will be applied.

Sample Collected by:

Relinquished by

11/17/17 15:59

Date/Time

Received by

Relinquished by

Date/Time

Received by

As a subcontract lab to EAL, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of you as a subcontract lab, your officers, agents or employees



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[illegible]

**METALS:** 8 RCRA 13 PP FE MN PB CR

**NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)**

**SITE HISTORY:** \_\_\_\_\_

**SUSPECTED CONTAMINATION:** \_\_\_\_\_

## FIELD READINGS: